

Biogas Plant SCHORNBUSCH



Location:	Germany
Construction Period:	2003
Input:	Corn, Beets, Fats
Fermenter:	Concrete Tank, 1.500 m ³
Co-generator:	Gas Engine, 500 kW
Costs:	about € 2.000.000

This biogas plant is located in West Germany, close to Cologne, on the farm of Rainer von Meer. Input substrate is primarily agricultural energy crops and organic wastes from agricultural operations. All of the input material is first pasteurized at 70°C for one hour. This not only fulfills existing and foreseeable hygiene requirements, it improves the availability of degradable organics. This concept is innovative and qualified the project for partial funding from the German Fachagentur Nachwachsende Rohstoffe e.V.. Start up took place in November – December 2003. The plant capacity will be doubled during 2004 which includes increasing the digester and co-generator size.

Krieg & Fischer Ingenieure GmbH Responsibilities:
 Conception, Preplanning, Permitting, Detailed and Final Engineering, Construction Supervision, Start-up